TOOLS & ACCESSORIES CATALOG

Manual Number 679929-R5

cascade® corporation

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INTRODUCTION

This catalog lists tools we have developed to help you in the maintenance and repair of Cascade attachments, cylinders and masts. The tools are competitively priced and readily available at the Cascade Parts Depot in Springfield, Ohio.

Lift Truck Dealers may order from this catalog by calling the Parts Depot at the telephone numbers listed below.

Retail End-User Customers may order by enclosing a check payable to Cascade Corporation and mailed to the address listed below.

Parts and Service Manuals are also available online at www.cascorp.com (under the support tab) or for direct sale to End User Customers.

Service Parts Orders are only accepted from Authorized Lift Truck Dealers.

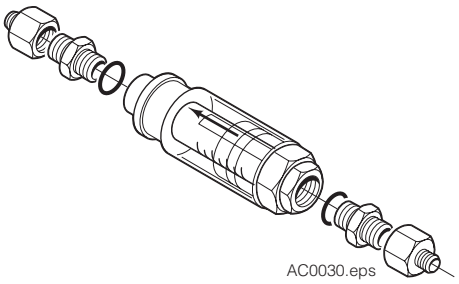
Call or Write:

Cascade Parts Sales
2501 Sheridan Ave.
Springfield, OH 45505
Telephone: 1-888-CAS-CADE
Fax: 1-888-329-0234
Web: www.cascorp.com

Diagnostic Tools

FLOW METER KITS
Part No. 671476 1–10 GPM, 3500 PSI
Part No. 671477 2–20 GPM, 3500 PSI
Part No. 6043182 4–40 GPM, 3500 PSI
Part No. 6839884 3–30 GPM, 3500 PSI

SAE O-ring fitting ports for “in-line” installation to check truck pump output flow to the attachment. Includes No. 6 and/or No. 8 adapter fittings.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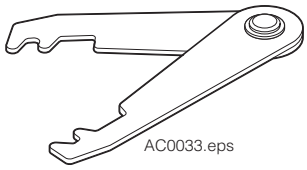
FORK ARM WEAR CALIPERS
Part No. 7004851

Measures fork thickness to determine wear.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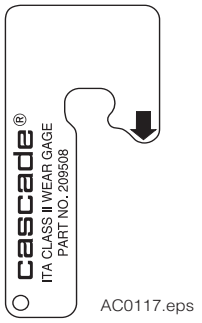
FORK HOOK AND CARRIAGE WEAR GAUGE
Part No. 209560 Class II
Part No. 209561 Class III
Part No. 6104118 Class IV

Used to check Fork Hook and Carriage Bar dimensions.



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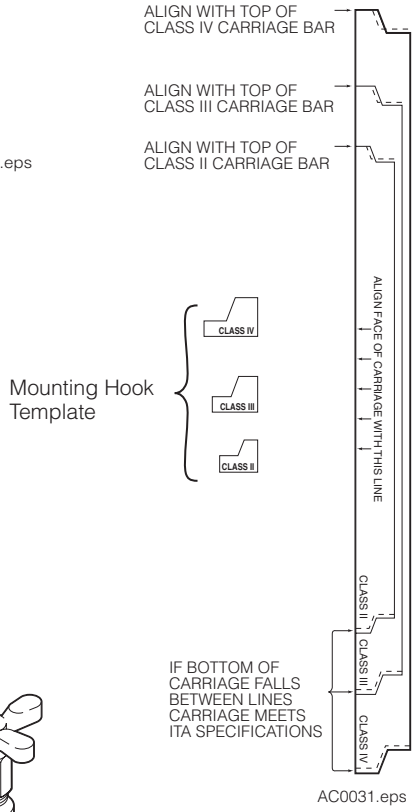

ALIGN WITH TOP OF CLASS IV CARRIAGE BAR
ALIGN WITH TOP OF CLASS III CARRIAGE BAR
ALIGN WITH TOP OF CLASS II CARRIAGE BAR
ALIGN FACE OF CARRIAGE WITH THIS LINE
CLASS II
CLASS III
CLASS IV
IF BOTTOM OF CARRIAGE FALLS BETWEEN LINES CARRIAGE MEETS ITA SPECIFICATIONS
Mounting Hook Template
CLASS IV
CLASS III
CLASS II
AC0031.eps

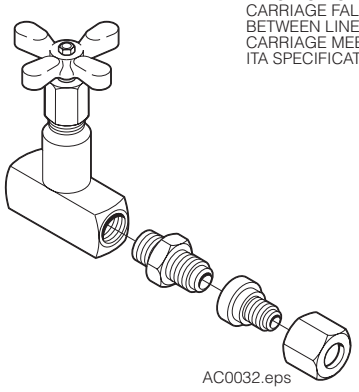
ITA MOUNTING DIMENSION REFERENCE KIT
Part No. 678634

Used to check Fork Bar and Mounting Hook dimensions. Class II, III and IV.

ITA profiles are printed on heavy, clear acetate and can be laid over the ends of Fork Bars for easy reference.

NEEDLE VALVE KIT
Part No. 678609

Kit includes one needle valve, two No. 8 O-ring to No. 8 tube connectors, two No. 8 to No. 6 reducers, and two No. 8 flare nuts. Needle valve kit is used to isolate cylinder and check valve circuits.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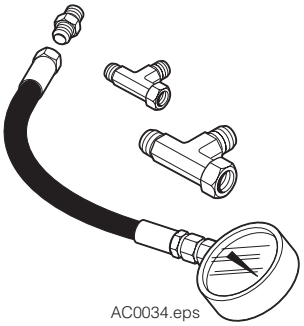
Diagnostic Tools (Continued)

PRESSURE GAUGE KIT
Part No. 671212

High quality, 0–5000 psi, glycerin filled gauge for accurate readings of hydraulic pressures. An 11 in. hose and No. 4, 6 and 8 adapter fittings are included. See individual service manual for specific instructions.

PRESSURE GAUGE ONLY
Part No. 664158



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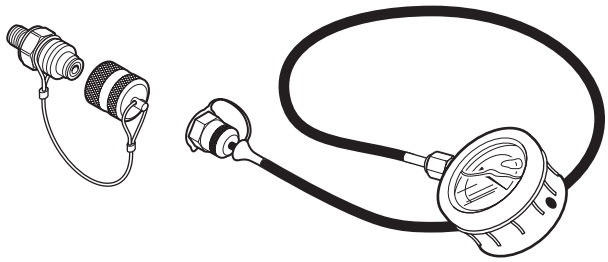
QUICK-DISCONNECT PRESSURE GAUGE KIT

Part No. 6034612
High quality, 0–5000 psi, glycerin filled gauge for accurate readings of hydraulic pressures. A quick-disconnect adapter fitting and hose is included.



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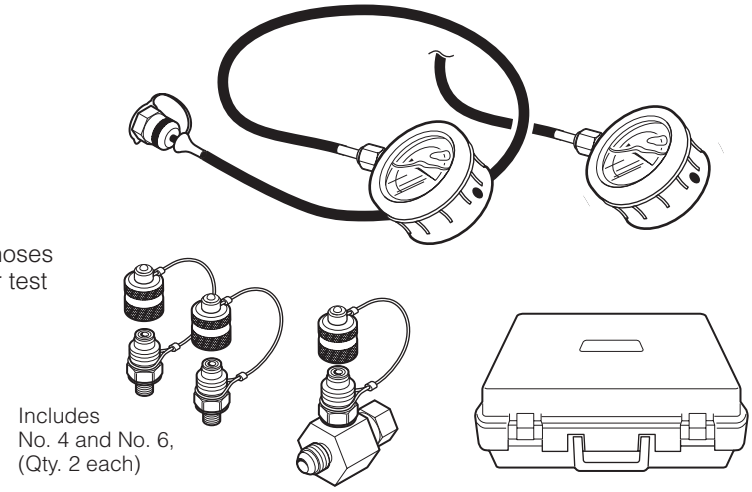
PRESSURE TEST KIT

Part No. 6004960
Kit includes two 0–5000 psi pressure gauges and hoses with connect-under-pressure couplers, tee and four test points.



Includes
No. 4 and No. 6,
(Qty. 2 each)

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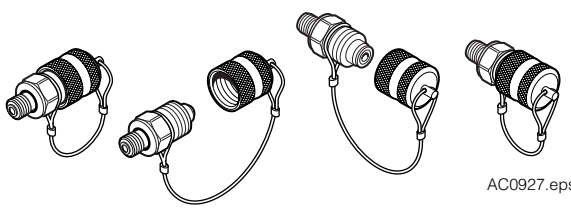
TEST POINT FITTING KIT

Part No. 6034611
Kit includes four quick-disconnect No. 4 adapter fittings to install in Cascade attachment valve or cylinder gauge access ports. The fittings allow connection of the gauge above while the system is pressurized.



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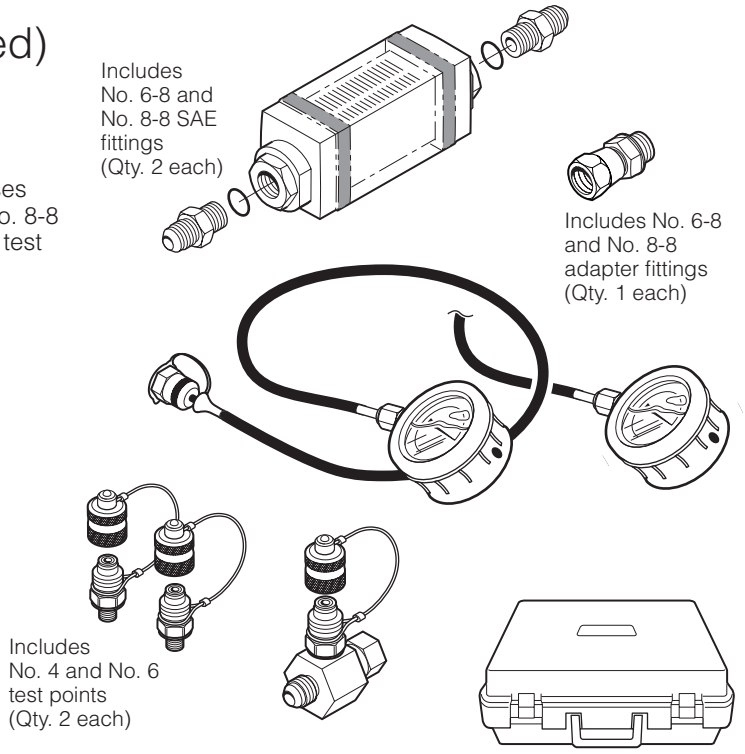
Diagnostic Tools (Continued)

PRESSURE AND FLOW TEST KIT
Part No. 6839908

Kit includes two 0–5000 psi pressure gauges and hoses with connect-under-pressure couplers, No. 6-8 and No. 8-8 SAE fittings, No. 6-8 and No. 8-8 adapter fittings, four test points, tee and a 3-30 GPM flow meter.


Includes No. 6-8 and No. 8-8 SAE fittings (Qty. 2 each)
Includes No. 6-8 and No. 8-8 adapter fittings (Qty. 1 each)
Includes No. 4 and No. 6 test points (Qty. 2 each)

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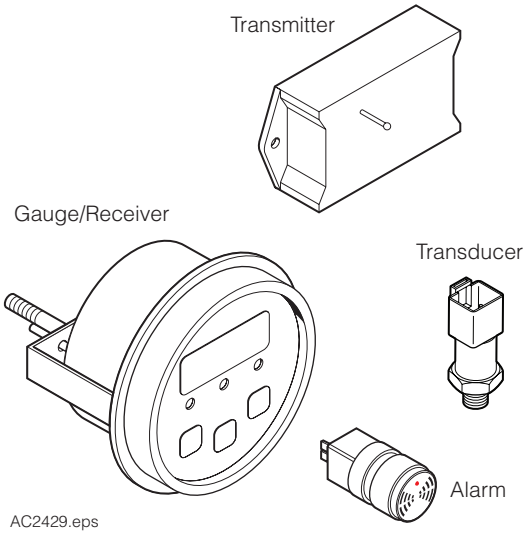
WIRELESS PRESSURE MONITOR KITS

Kits with One Pressure Transducer:
Part No. 6803614 – 12V
Part No. 6815672 – 12V, with alarm assembly
Part No. 6803617 – 24-48V
Part No. 6815675 – 24-48V, with alarm assembly

Kits with Two Pressure Transducer:
Part No. 6803615 – 12V
Part No. 6815673 – 12V, with alarm assembly
Part No. 6803618 – 24-48V
Part No. 6815676 – 24-48V, with alarm assembly

Kits with Four Pressure Transducer:
Part No. 6803616 – 12V
Part No. 6815674 – 12V, with alarm assembly
Part No. 6803619 – 24-48V
Part No. 6815677 – 24-48V, with alarm assembly

Kit includes one to four pressure transducers, alarm (if equipped), display with receiver and transmitter.



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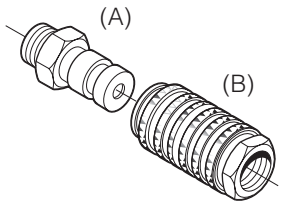
Diagnostic Tools (Continued)

QUICK-DISCONNECT COUPLERS, DIAGNOSTIC

Used to quickly install gauges in hydraulic systems. Female half (B) fits the male half (A) commonly used on many lift trucks.

Male Connector (A) for O-Ring Ports

Part No. 212894 No. 4 Male Straight Thread O-Ring Coupler
Part No. 210378 No. 5 Male Straight Thread O-Ring Coupler
Part No. 678592 No. 6 Male Straight Thread O-Ring Coupler



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Male Connector (A) for Hose or Tube Ends

Part No. 678593 No. 6 Male JIC Thread Coupler

Dust Cap

Part No. 210378 For Connector (A)

Female Connector (B) for Hose or Tube Ends

Part No. 678591 No. 6 Female JIC Thread Coupler (B)

CLAMP FORCE INDICATORS

When clamped between pads, indicates actual force being applied to product. Will indicate relationship of lift truck system pressure and actual clamp force.

Carton\Bale\Multi-Purpose Clamps

Part No. 55G-DFI-8RF
Digital. Testing up to 3,500 lbs. clamp force. Hang-on portable not intended for precise measurement. Aluminum alloy with 8 in. dia. pads.

Part No. 55G-CFI-8RF
Analog. Testing up to 3,500 lbs. clamp force. Hang-on precision portable. Includes certified and adjustable gauge. Aluminum alloy with 8 in. dia. pads.

Part No. 300G-DFI-824F
Digital. Testing over 3,500 lbs. clamp force. Mounted on floor stand. Steel construction with 6 x 24 in. pads.

Part No. 300G-CFI-824F
Analog. Testing over 3,500 lbs. clamp force. Mounted on floor stand. Steel construction with 6 x 24 in. pads.

Paper Roll Clamps

Part No. 300G-DFI-824C
Digital. Testing up to 30,000 lbs. clamp force. Mounted on floor stand. Steel construction with 8 x 24 in. pads.

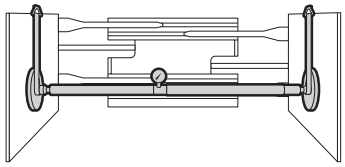
Part No. 300G-DFI-812C
Split-arm roll clamps. Digital. Testing up to 30,000 lbs. clamp force. Mounted on floor stand. Steel construction with 8 x 12 in. pads.

Part No. 300G-CFI-824C
Analog. Testing up to 30,000 lbs. clamp force. Mounted on floor stand. Steel construction with 8 x 24 in. pads.

Part No. 300G-CFI-812C
Split-arm roll clamps. Analog. Testing up to 30,000 lbs. clamp force. Mounted on floor stand. Steel construction with 8 x 12 in. pads.

Part No. 6815852
Portable clamp force indicator. Hangs on roll clamp pad.

Hang-on Style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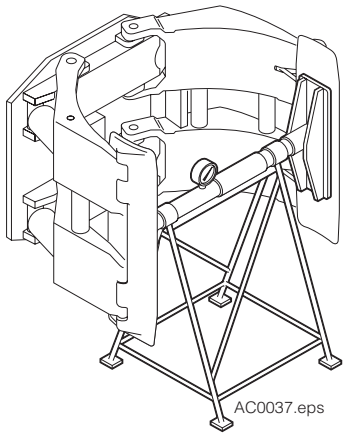
Floor Stand Style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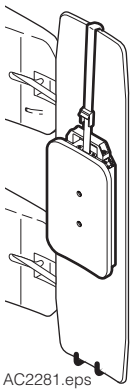
Portable Style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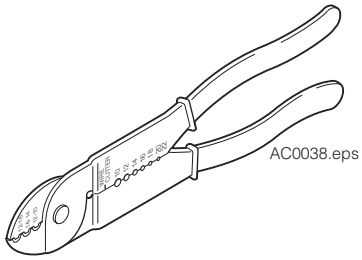
General Tools

CRIMP TOOL
Part No. 676315
Required for repair on all electrical pins.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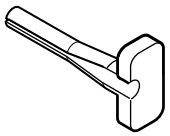
PIN INSERT TOOL
Part No. 6016073
Required to install wire pin ends in electrical connectors.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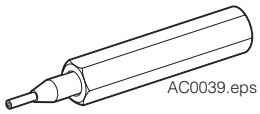
PIN EXTRACTOR
Part No. 676316
Required to remove the pins from the 6-N-1 Cable-Hose Reel electrical connectors.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O-RING EXTRACTOR
Part No. 674424
Kit contains 2 double-ended brass tools complete with plastic pocket case and instructions.

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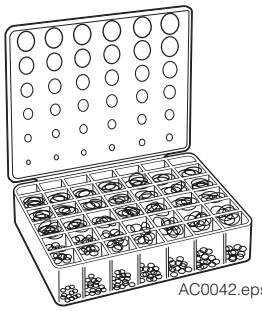
O-RING KIT – STANDARD
Part No. 599491
Kit includes over 500 O-Rings of 37 popular sizes packed in a plastic carrying case.

O-RING KIT – METRIC
Part No. 599490
Kit includes 36 different metric sizes, and a total of 500 O-Rings. O-Rings are packed in a plastic case.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O-RING LUBRICANT
Part No. 599509
This 4 ounce tube of barium base petroleum grease is formulated to facilitate installation and extend service life of synthetic rubber seals.

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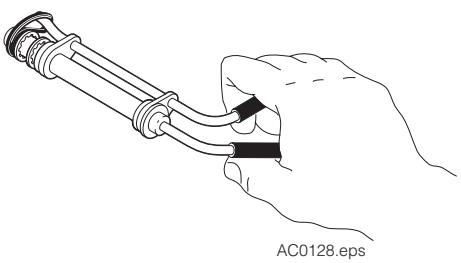
ROD SEAL INSTALLATION KIT
Used for installing hard-to-reach internal seals.
Part No. 599512 1″ to 1-1/2″ shaft seals
Part No. 599513 1-1/2″ to 2″ shaft seals
Part No. 599514 2″ and over shaft seals
Part No. 599515 Carrying Case
Part No. 599516 Complete Kit, includes all of the above items.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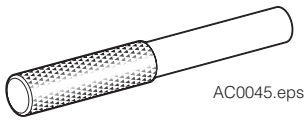
Carton Clamp Tools

BUSHING DRIVER
Part NO. 679886

Heavy duty driver suitable for installing and removing stabilizer bushings on 20D and 35D Carton Clamps.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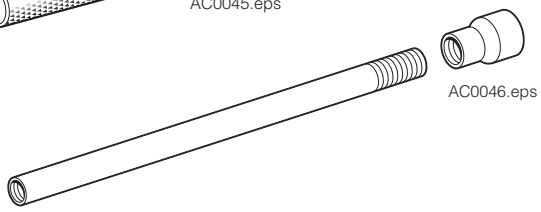
60D CARTON CLAMP ARM ASSEMBLY TOOL
Part No. 686092

Used to pull arm into frame during assembly.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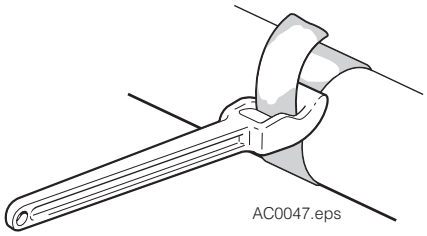
Cylinder Tools

STRAP WRENCH
Part No. 678649

Used to secure cylinder rods while servicing cylinders. (Cascade recommends using this wrench with 300 grit emery paper between the strap and the cylinder rod.)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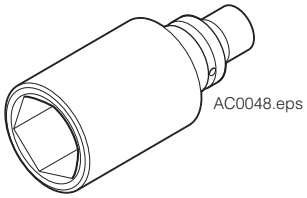
SOCKETS
Part No. 200401
1-1/16 in. Impact Socket for 25D & 35D cylinders.

Part No. 200400
1-1/2 in. Impact Socket for 40D & 50D cylinders.

Part No. 200402
1-7/8 in. Impact Socket for 70D & 80D cylinders.

Used in the disassembly of cylinders for servicing.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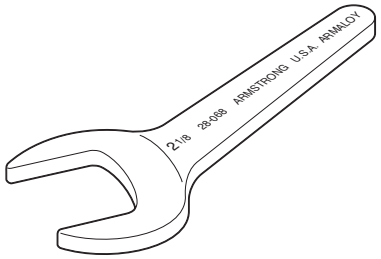
OPEN END WRENCHES
Part No. 200399
1-1/2 in. Wrench for 25D & 35D

Part No. 200398
2-1/8 in. Wrench for 40D & 50D

Part No. 686094
2-1/2 in. Wrench for 70D & 80D

Used to hold hex washer during nut removal and replacement.



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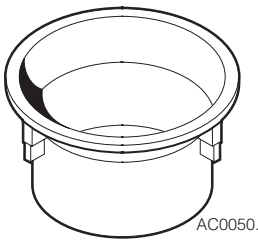
Cylinder Tools (Continued)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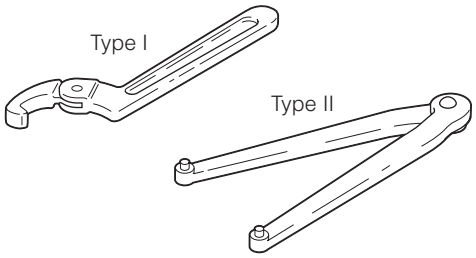
PISTON SEAL LOADERS
Seal Loaders are used in the reassembly of cylinders to insure that rod and piston seals are not damaged.
They are included in all cylinder service kits.
Shown below are some of the more popular size Piston Seal Loaders. The Loader Kit includes instruction sheet and loader.

Part No. 672951	Loader Set–Includes all listed below
Part No. 561334	1.98 in. (50.35 mm)
Part No. 671047	2.02 in. (51.30 mm)
Part No. 560806	2.38 in. (90.50 mm)
Part No. 561335	2.96 in. (75.35 mm)
Part No. 560807	2.97 in. (75.50 mm)
Part No. 669235	3.53 in. (89.66 mm)
Part No. 560805	3.56 in. (90.50 mm)
Part No. 669243	4.03 in. (102.36 mm)
Part No. 669244	4.53 in. (115.06 mm)
Part No. 669245	5.03 in. (127.76 mm)

SPANNER WRENCHES
Used to disassemble cylinder without damaging the retainer or rod.

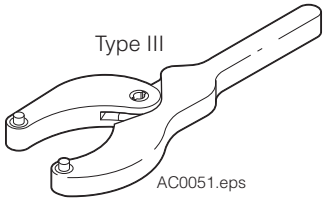
Part No. 678598 – Type I Used on retainers with notches on the outside diameter.

Part No. 679917 – Type II Medium duty pin type used on cylinders with 2 holes in the retainer face.



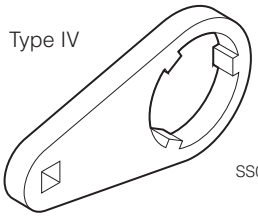
Type III Heavy-duty pin type with replaceable pins and moveable thumb. Can be used on cylinders from 2–5 inches in diameter.

Part No. 678602	Wrench Assembly
Part No. 678606	Replacement Pins
Part No. 678605	Replacement Thumb



AC0051.eps

Part No. 6104738 – Type IV Lug type used on B-Integral Sideshift Cylinder Retainers.

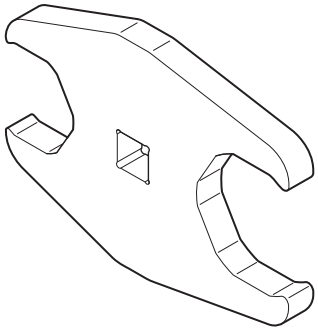


SS0564.eps

Fork Positioner Tools

CYLINDER RETAINER TOOL
Part No. 6839851

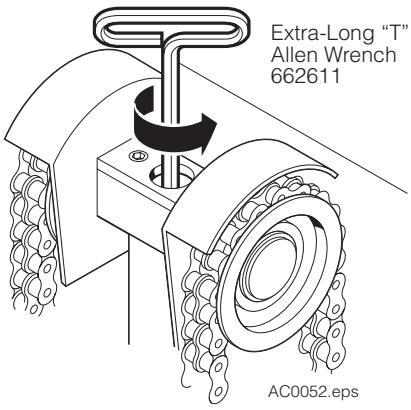
Used to remove cylinder retainer from fork positioner cylinder assembly.


AC2430.eps

Mast Tools

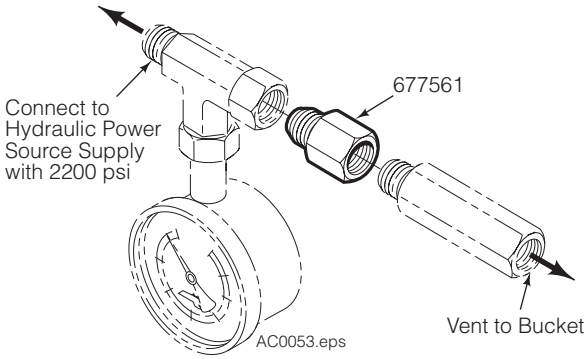
C-SERIES LONG ALLEN SEQUENCE ADJUSTING WRENCH
Part No. 662611

Used to adjust sequence valve on 30C, 55C and 80C Triple Lift and 45C Quad Lift Masts.



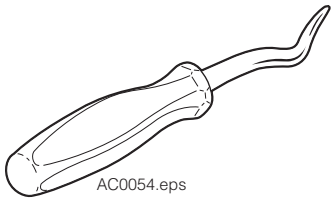
C-SERIES RELIEF VALVE TEST FITTING
Part No. 677561

Used to check mast relief valve before assembling in cylinder. 30C, 55C, and 80C Triple Lift and 45C Quad Lift. Use with Gauge Kit Part No. 664158.



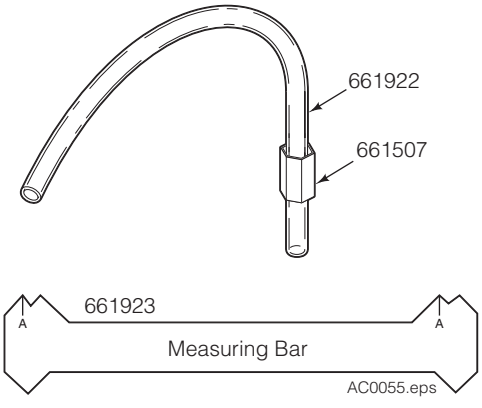
THRUST ROLLER ADJUSTMENT TOOL
Part No. 200509

Tool is used to adjust the 4 side thrust rollers located on the mast carriage.



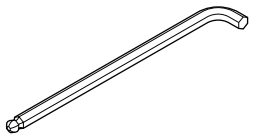
MAST MAINTENANCE TOOLS
Part No. 661922 Tubing
Part No. 661507 Hex Tube
Part No. 661923 Chain Measuring Bar

Used to remove air from mast cylinders and check hoist chain stretch on all Cascade masts. See individual service manual for specific instructions.

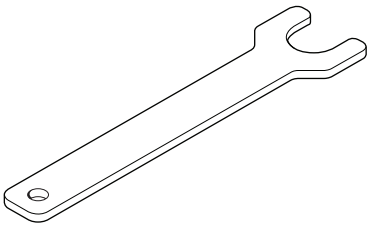


Multiple Load Handler

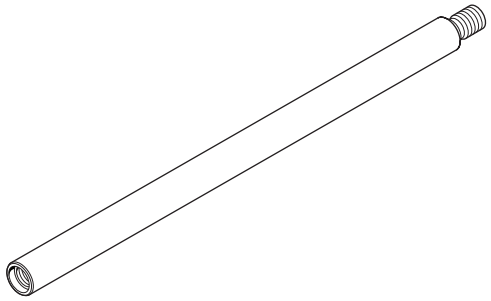
MODIFIED ALLEN WRENCH
Part No. 6153293
For G-Series. Removes bolt-on stops from outer fork arms.



FLAT WRENCH
Part No. 6153275
For G-Series. Removes nut from cylinder rod ends.



CYLINDER ROD EXTENSION TOOL
Part No. 6151448
For G-Series. Aids pushing arms out.



Paper Roll Clamp, Revolving Clamp and Rotator Tools

F-SERIES BUSHING DRIVERS

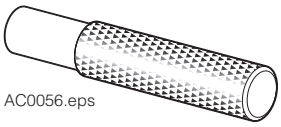
Heavy duty drivers suitable for installing bushings in Paper Roll Clamps and other attachments.

Part No. 678585
Fits bushing size 1-1/8 x 1-3/8 inches 45F

Part No. 678588
Fits bushing size 1-1/4 x 1-1/2 inches 45F, 60F, 77F

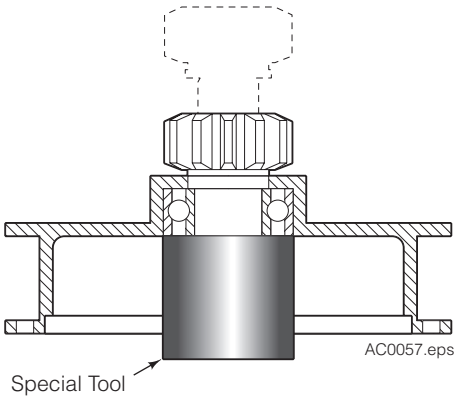
Part No. 678687
Fits bushing size 1-1/2 x 1-3/4 inches 60F

Part No. 678584
Fits bushing size 1-3/4 x 2 inches 77F


AC0056.eps

ROTATOR DRIVE GROUP ASSEMBLY TOOL
Part No. 664620

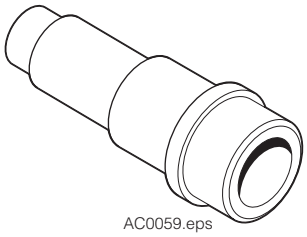
Used to press pinion into bearing and housing.



Push/Pull Tools

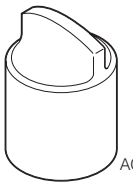
QFM™ PUSH/PULL BUSHING DRIVER
Part No. 678583

Fits all bushings used on the QFM™ Push/Pull.


AC0059.eps

QFM™ PUSH/PULL CAM FOLLOWER TOOL
Part No. 678582

Used to remove and replace rollers in QFM™ Push/Pull faceplate and frame.

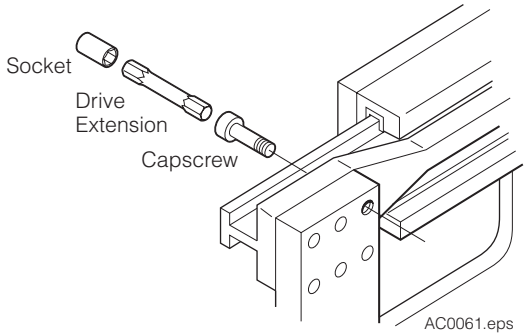

AC0060.eps

Sliding Arm Clamp Tools

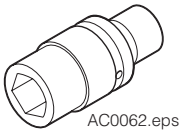
INCH DRIVE EXTENSIONS
Part No. 668020 1/2 in. Hex – 25D attachments
Part No. 667699 5/8 in. Hex – 35D, 40D, 50D attachments
Part No. 676218 3/4 in. Hex – 70D, 80D attachments

METRIC DRIVE EXTENSIONS
Part No. 6040284 14 mm Hex
Part No. 6040285 17 mm Hex

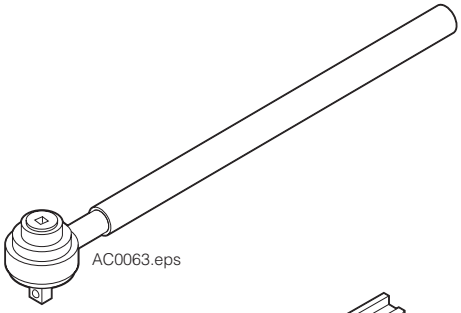
Use for installation of capscrews in clamp arms. Eliminates possible damage to arm bearing surface when bolting arms to the arm bars. We recommend the use of matching Sockets listed below.



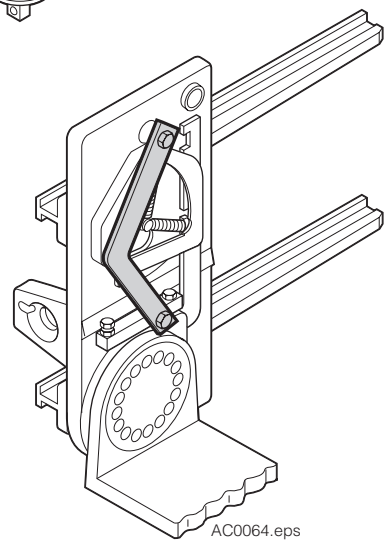
SOCKETS
Part No. 678595
1/2″ Impact Socket (1/2″ Drive) for 25D Clamps.
Part No. 678596
5/8″ Impact Socket (1/2″ Drive) for 35D, 40D, and 50D Clamps.
Part No. 201027
3/4″ Impact Socket (1/2″ Drive) for 70D & 80D Clamps.



TORQUE MULTIPLIER –
FOR ARM BAR CAPSCREWS
Part No. 678594
Has 1/2″ drive input x 3/4″ drive output. Multiplies input torque four times (up to 1000 ft.-lbs.).
Required for torquing arm bar mounting capscrews on Sliding Arm Clamps.
NOTE: Requires 1/2″ drive torque wrench with 0–150 ft.-lbs. range.



TURNAFORK™ MECHANISM RETAINER BAR
Part No. 678568
Used to secure Turnafork™ mechanism for servicing with the standard covers removed.



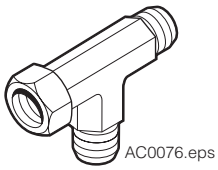
FITTING ADAPTION KIT
Part No. 678607

Contains 23 piece assortment of No. 6 and No. 8 caps, plugs, tees, elbows and connectors use to troubleshoot hydraulic systems as outlined in Cascade Service Manuals.

NOTE: Fittings included in the above kit are indicated in the following selection of fittings by an ***** in front of the Part Number.

JIC AND SAE STRAIGHT THREAD O-RING FITTINGS

JIC SWIVEL NUT RUN TEE
***Part No. 611329** No. 6
***Part No. 611330** No. 8


AC0076.eps

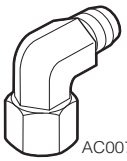
JIC TO SAE STRAIGHT THREAD O-RING
***Part No. 604511** No. 6
***Part No. 601377** No. 8
***Part No. 611288** No. 6 JIC to No. 8
***Part No. 611289** No. 8 JIC to No. 10 O-Ring
***Part No. 611290** No. 8 JIC to No. 12 O-Ring
Part No. 662187 No. 8 JIC to No. 6 O-Ring

AC0077.eps

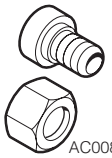
JIC TO JIC UNION
***Part No. 2347** No. 6
***Part No. 2348** No. 8

AC0078.eps

JIC 90° SWIVEL NUT ELBOW
***Part No. 2680** No. 6
***Part No. 605761** No. 8


AC0079.eps

JIC REDUCER AND COMPANION NUT
***Part No. 2671** No. 6 to No. 8
***Part No. 2618** Companion Nut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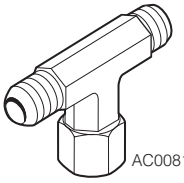
JIC SWIVEL NUT TEE
Part No. 610892 No. 6
Part No. 611334 No. 8


AC0081.eps

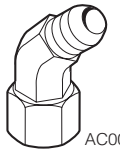
JIC PLUG
***Part No. 2659** No. 6
***Part No. 2660** No. 8

AC0082.eps

JIC CAP
***Part No. 2645** No. 6
***Part No. 2646** No. 8

AC0083.eps

JIC 45° SWIVEL NUT ELBOW
Part No. 605230 No. 6
Part No. 605948 No. 8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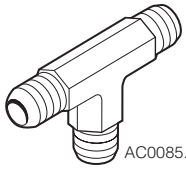
JIC UNION TEE
***Part No. 2576** No. 6
***Part No. 2577** No. 8


AC0085.eps

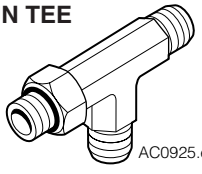
JIC TO SAE STRAIGHT THREAD O-RING 90° ELBOW
Part No. 641404 No. 6 JIC to No. 8 O-Ring
***Part No. 601250** No. 6
***Part No. 601676** No. 8

AC0086.eps

JIC TO SAE STRAIGHT THREAD O-RING 45° ELBOW
Part No. 649001 No. 6 JIC to No. 8 O-Ring

AC0087.eps

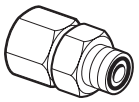
SAE STRAIGHT THREAD TO JIC RUN TEE
***Part No. 611307** No. 6
***Part No. 610402** No. 8


AC0925.eps

O-RING FACE SEAL FITTINGS

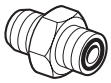
FEMALE JIC SWIVEL TO MALE O-RING FACE SEAL

Part No. 680721 No. 4
Part No. 680722 No. 6
Part No. 680723 No. 8
Part No. 680724 No. 10
Part No. 680725 No. 12


AC0088.eps

MALE JIC TO MALE O-RING FACE SEAL

Part No. 680731 No. 4
Part No. 680732 No. 6
Part No. 680733 No. 8
Part No. 680734 No. 10
Part No. 660735 No. 12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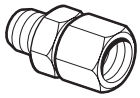
MALE JIC TO FEMALE O-RING FACE SEAL

Part No. 680726 No. 4
Part No. 680727 No. 6
Part No. 680728 No. 8
Part No. 680729 No. 10
Part No. 680730 No. 12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METRIC FITTINGS

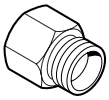
SAE STRAIGHT THREAD O-RING TO METRIC UNION

Part No. 752555 No. 6 SAE to M8
Part No. 752402 No. 6 SAE to M12
Part No. 778100 No. 6 SAE to M16
Part No. 765492 No. 8 SAE to M10
Part No. 765493 No. 8 SAE to M12

AC0917.eps

FEMALE JIC TO MALE METRIC EXPANDER

Part No. 765776 No. 6 JIC to M12


AC0913.eps

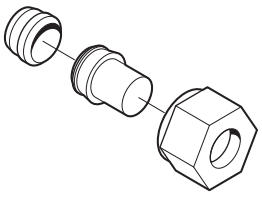
CAP

M8

Part No. 752544 Nut
Part No. 799481 Plug
Part No. 751726 Ferrule

M12

Part No. 752546 Nut
Part No. 799482 Plug
Part No. 752547 Ferrule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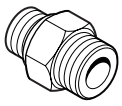
BSP FITTINGS

SAE STRAIGHT THREAD O-RING TO BSP UNION

Part No. 753830 No. 6 SAE to 3/8 BSP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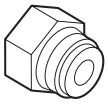
CAP

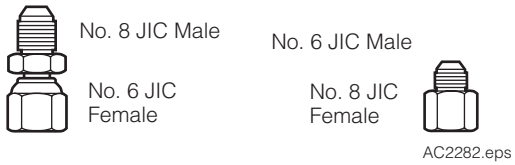
Part No. 6014347 3/8 Cap


AC0915.eps

FITTING ADAPTION KITS

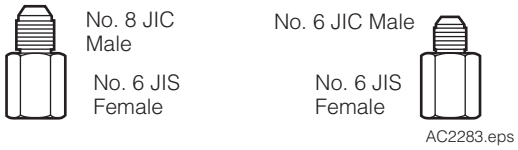
JIC → JIC

Part No. 6807057
Includes No. 6-8 JIC fitting, Reducer and nut.



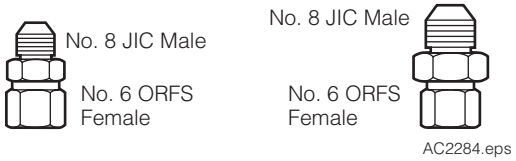
No. 6 JIS → JIC

Part No. 6807058
Includes No. 6 JIS-8 JIC fitting and No. 6 JIS-6 JIC fitting.



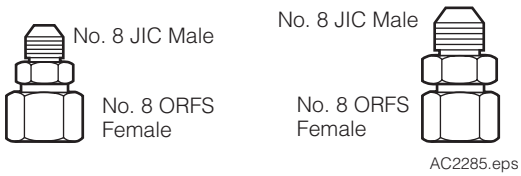
No. 6 ORFS → JIC

Part No. 6807059
Includes No. 6 ORFS-6 JIC fitting and No. 6 ORFS-8 JIC fitting.



No. 8 ORFS → JIC

Part No. 6807060
Includes No. 8 ORFS-6 JIC fitting and No. 8 ORFS-8 JIC fitting.



ACCUMULATOR KITS WITH MOUNT AND FITTING

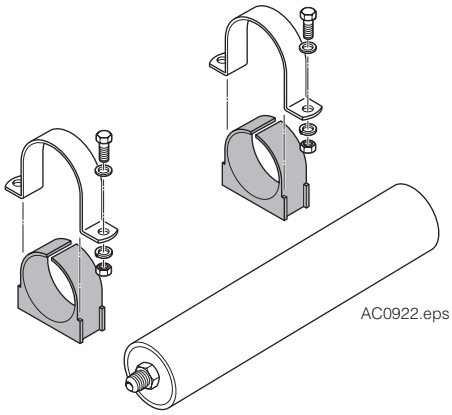
Part No. 227201 4000 psi, 29 Cubic In.
Part No. 227202 4000 psi, 58 Cubic In.

ACCUMULATOR

Part No. 227199 4000 psi, 29 Cubic In.
Part No. 227197 4000 psi, 58 Cubic In.

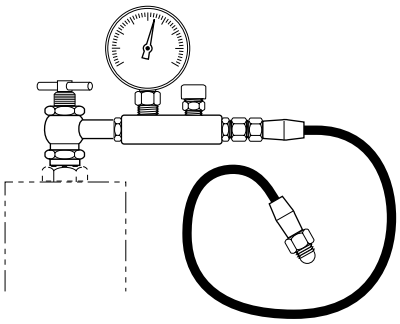
MOUNT

Part No. 227200 two required


AC0922.eps

ACCUMULATOR CHARGE KIT

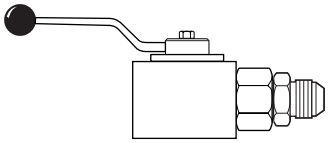
Part No. 228235


AC0921.eps

ACCUMULATOR SHUTOFF VALVE

Part No. 227839

Used to temporarily shutoff the accumulator in the hoist or attachment circuit.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LOW PRESSURE RETURN LINE ADAPTER KITS

SINGLE LINE ADAPTER KIT

Part No. 214062 .75 in. (19 mm) Hose Tank ID, 4.12 in. (105 mm) Adapter Tee Length

Part No. 6098206 .75 in. (19 mm) Hose Tank ID, 2.00 in. (51 mm) Adapter Tee Length

Part No. 211745 1.00 in. (25 mm) Hose Tank ID, 4.12 in. (105 mm) Adapter Tee Length

Part No. 214066 1.25 in. (31 mm) Hose Tank ID, 4.12 in. (105 mm) Adapter Tee Length

Part No. 6037507 1.50 in. (38 mm) Hose Tank ID, 4.12 in. (105 mm) Adapter Tee Length

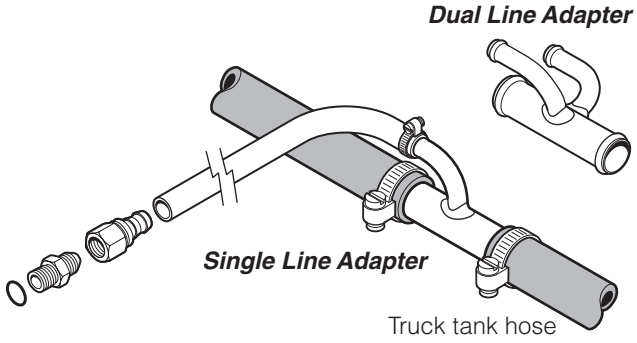
DUAL LINE ADAPTER KIT

Part No. 6049380 .75 in. (19 mm) Hose Tank ID, 4.72 in. (105 mm) Adapter Tee Length

Part No. 6049381 1.00 in. (25 mm) Hose Tank ID, 4.12 in. (105 mm) Adapter Tee Length

Part No. 6049382 1.25 in. (31 mm) Hose Tank ID, 4.12 in. (105 mm) Adapter Tee Length

Part No. 6049383 1.50 in. (38 mm) Hose Tank ID, 4.12 in. (105 mm) Adapter Tee Length



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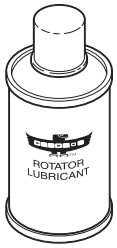
DRIVE BOX LUBRICANT
Part No. 656300
Recommended for heavy duty application
(48 oz. container)



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GASKET ELIMINATOR
Part No. 668184
Used in sealing gaskets during assembly.

AC0075.eps

ROLLER MAST CHANNEL LUBE
Part No. 599474
Spray lube suitable for all canted Roller Masts
(13 oz. aerosol can)

AC0068.eps

GRAPHITE LUBRICANT
Part No. 599489
Lubricant for D-Series clamp bushing
(16 oz. aerosol can)

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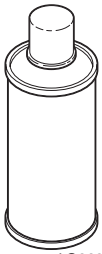
RUST INHIBITOR
Part No. 6145867
For G-Series Multiple Load Handler lower arm bar, front surface
(11.25 oz. aerosol can)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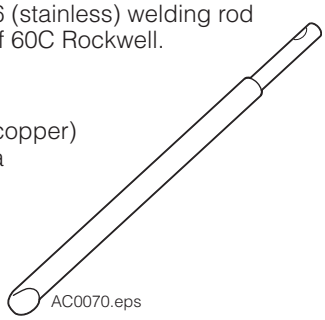
PAPER ROLL CLAMP CONTACT PAD HARD SURFACE FACING
Part No. 200639

Kit includes 5 lbs. of ARS-316 (stainless) welding rod which achieves a hardness of 60C Rockwell.

Part No. 200636

Kit includes 5 lbs. of AR-81 (copper) welding rod which achieves a hardness of 65C Rockwell.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MAST CHAIN LUBE
Part No. 200867

Recommended spray lube for mast chains
(12.75 oz. aerosol can)

AC0069.eps

TOUCH-UP PAINT
Part No. 668209 Yellow Paint
Part No. 678236 Black Paint
Part No. 685660 White Paint
Part No. 211245 Dark Gray Paint
Part No. 212988 Light Gray Paint

Cascade paint for touch-up after attachment servicing
(12 oz. aerosol can)

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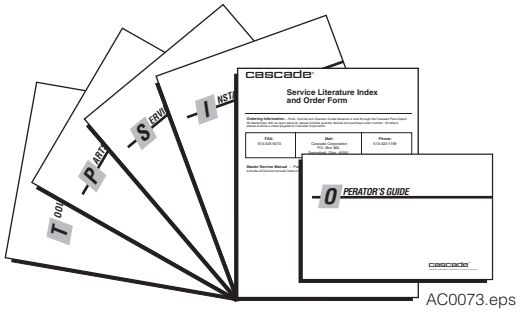
PARTS AND SERVICE MANUALS, INSTALLATION AND OPERATOR GUIDES

Printed manuals are available for all current products and most non-current products at the Cascade Parts Depot. Be sure to specify model and serial number when ordering.

Manuals are also available for online viewing and downloading at our website: www.cascorp.com.



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SERVICE TRAINING VIDEOS

Paper Roll Clamp Troubleshooting	**678363** ◆
Carton Clamp Troubleshooting	**680658** ◆
Servicing Cascade Hydraulic Cylinders	**680664** ◆

DRIVER TRAINING VIDEOS

Carton Clamp (VHS)	**229351** ◆
Carton Clamp (VHS - Spanish)	**220570** ◆
Layer Picker (DVD)	**6821020**
Load Push/Pulls (VHS)	**229350** ◆
Load Push/Pulls (VHS - Spanish)	**212361** ◆
Load Push/Pulls (DVD)	**6034873**
Paper Roll Clamps (VHS)	**229349** ◆
Paper Roll Clamps (VHS - Spanish)	**212575** ◆
Single-Double Pallet Handler (DVD)	**6028941**

◆ Discontinued, while supplies last

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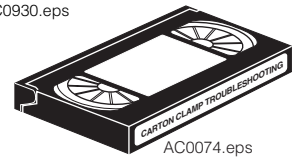

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DRIVER TRAINING & FEATURE VIDEOS

Paper Roll Clamps (DVD - English, Spanish, Portuguese, French- Canada)	**6036695**
Push/Pull, Sheet Sav™, Multiple Load Handler, Paper Roll Clamps (DVD)	**6043535**

NOTE: Additional training videos can be found on Cascade's YouTube channel: www.youtube.com/CascadeCorporation

OTHER INQUIRIES

Go to www.cascorp.com

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Do you have questions you need answered right now?
Call your nearest Cascade Service Department.
Visit us online at www.cascorp.com

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